

Inventors: Fisuko KQYANAGI et al. et al.
Filed: January 28, 2005
Title: Retry Communication Control Method and System, Packet Transfer Possibility
Determination Method, Packet Transfer Apparatus, Packet Transfer
System, Packet Monitor Method, Call Control Apparatus, Monitor
Apparatus and Programs
Attorney Docket: 44471/311941
Attorney of Record: Brenda O. Holmes
Phone: 404,815,6500
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FIG.2

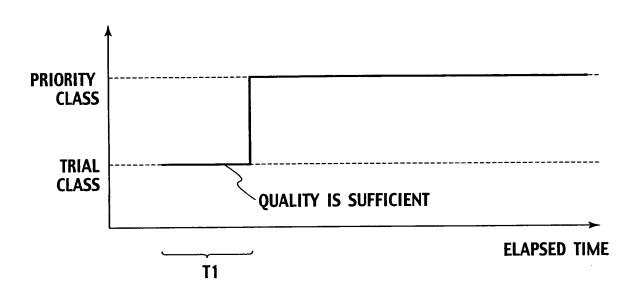
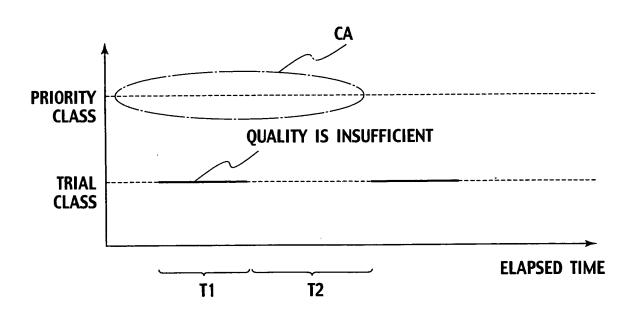
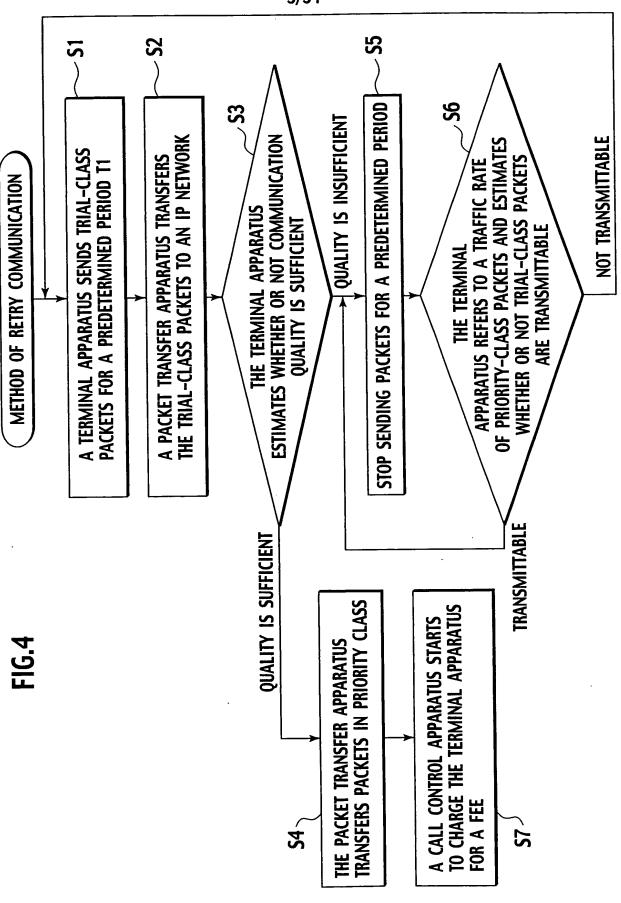


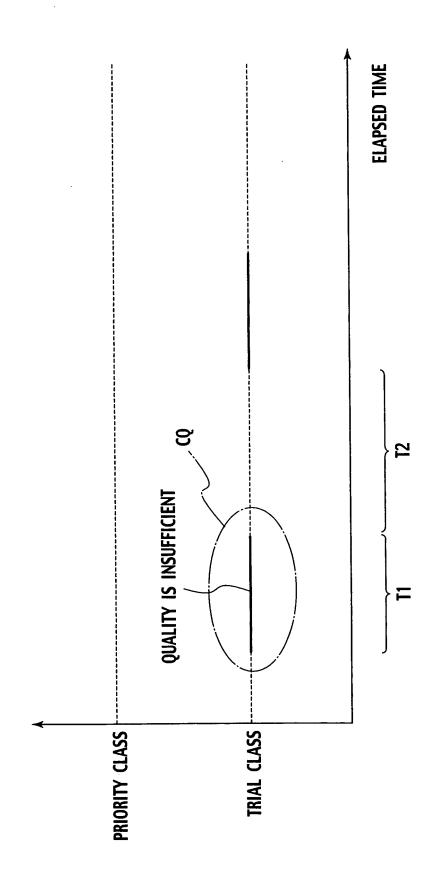
FIG.3



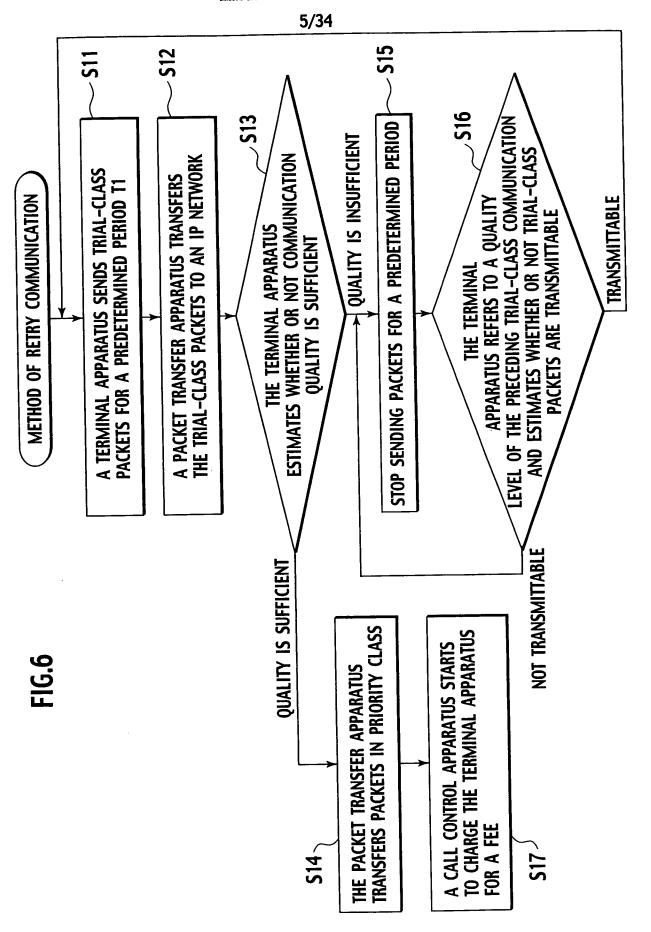
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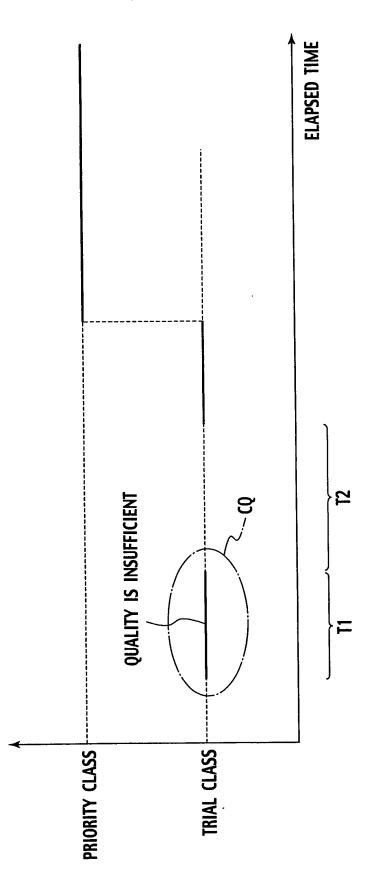




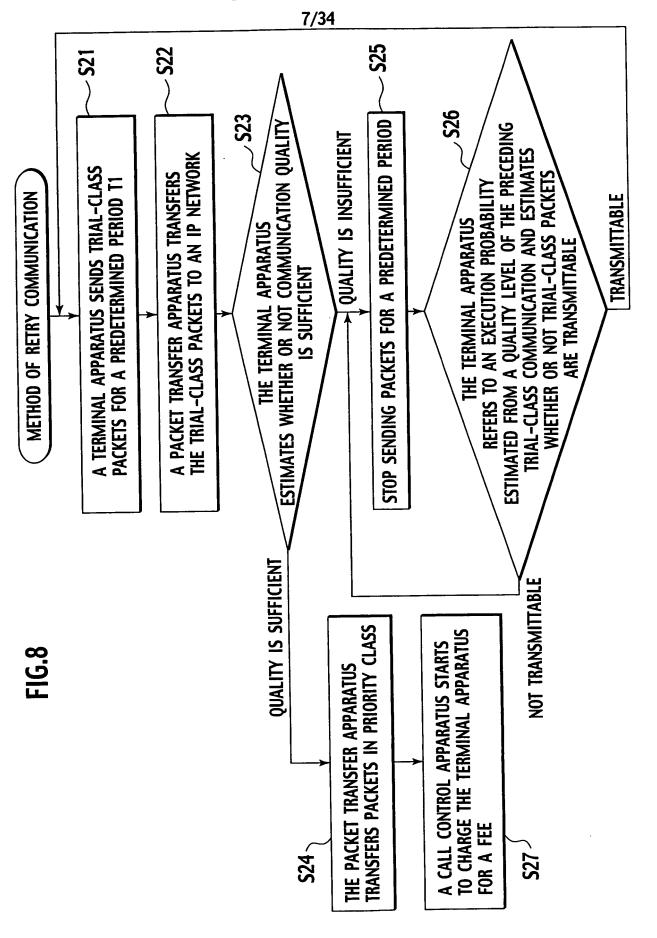
Inventors: Etsuko KOYANAĞI et al. et al.
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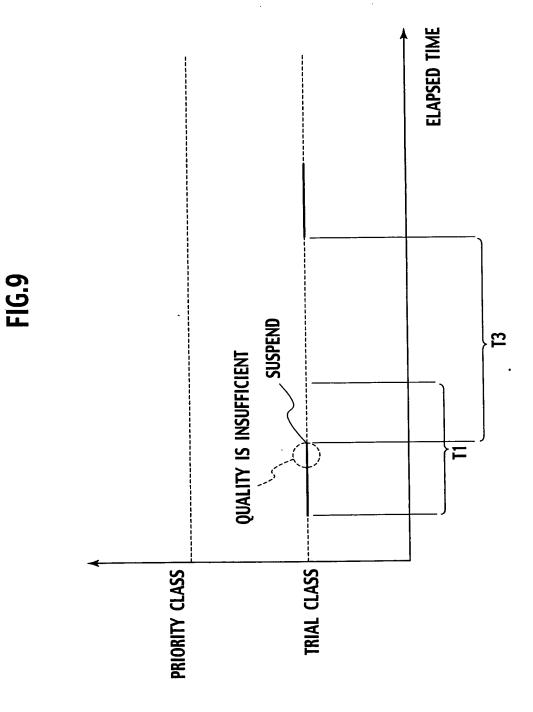
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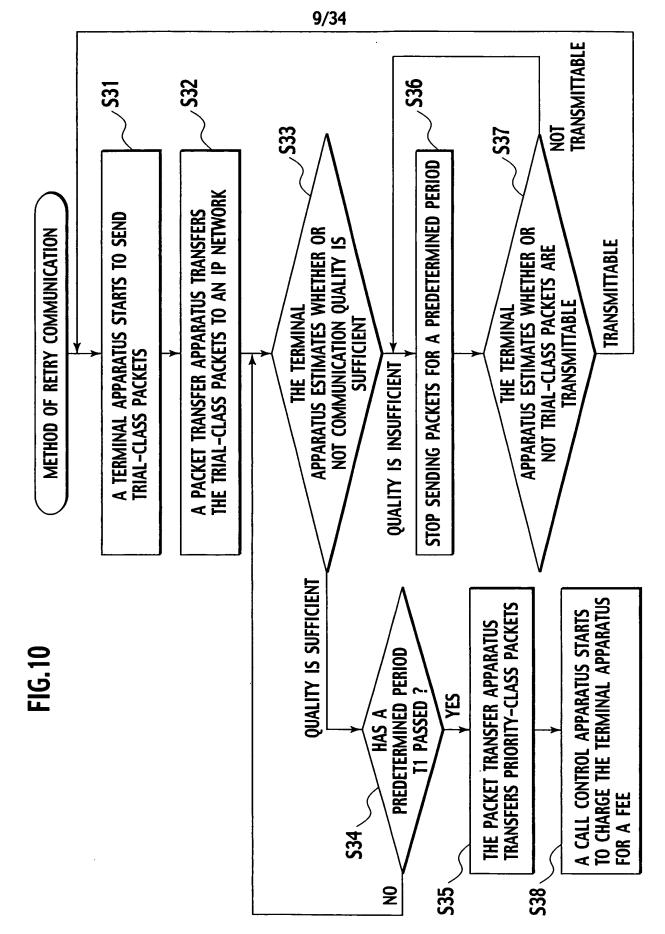


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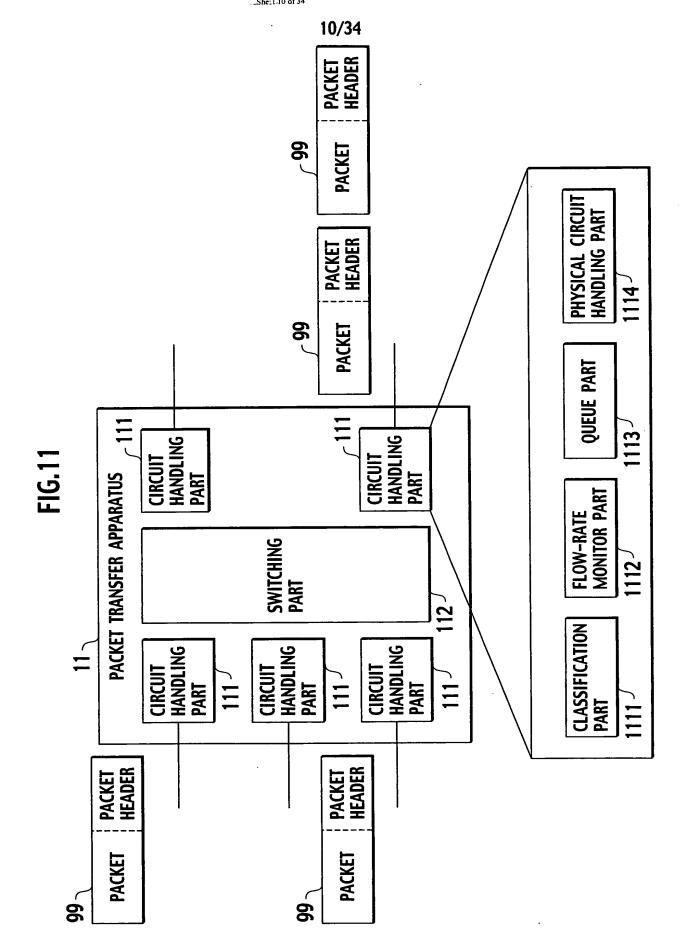


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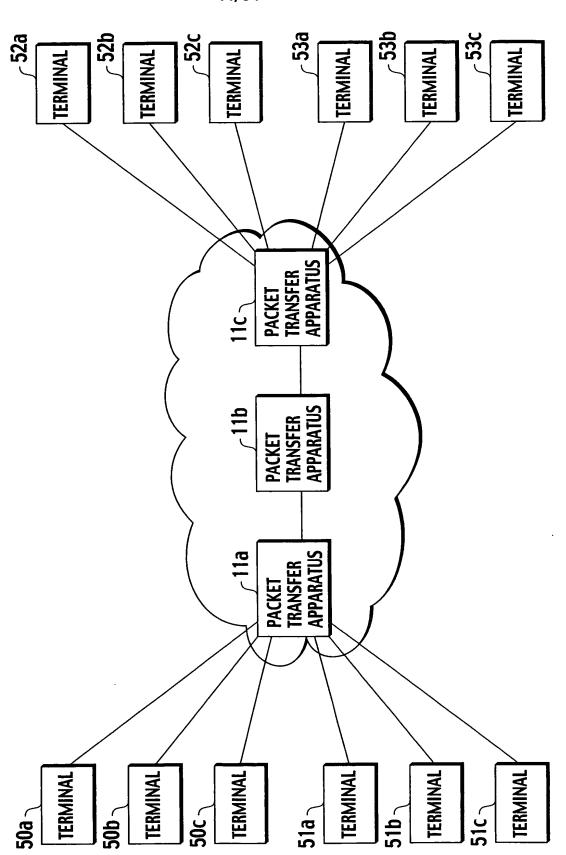
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**FIG.13** 

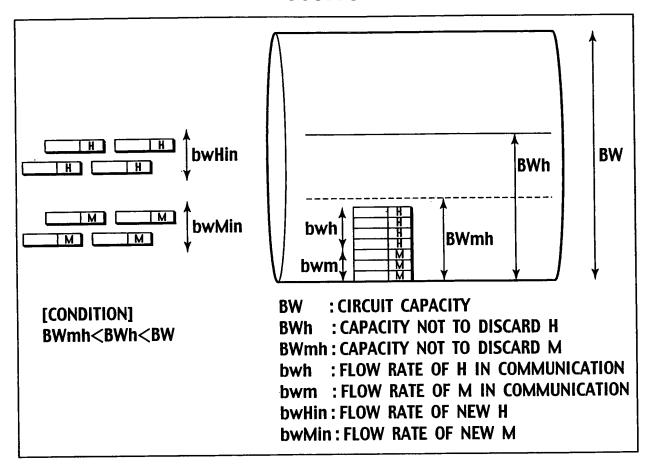
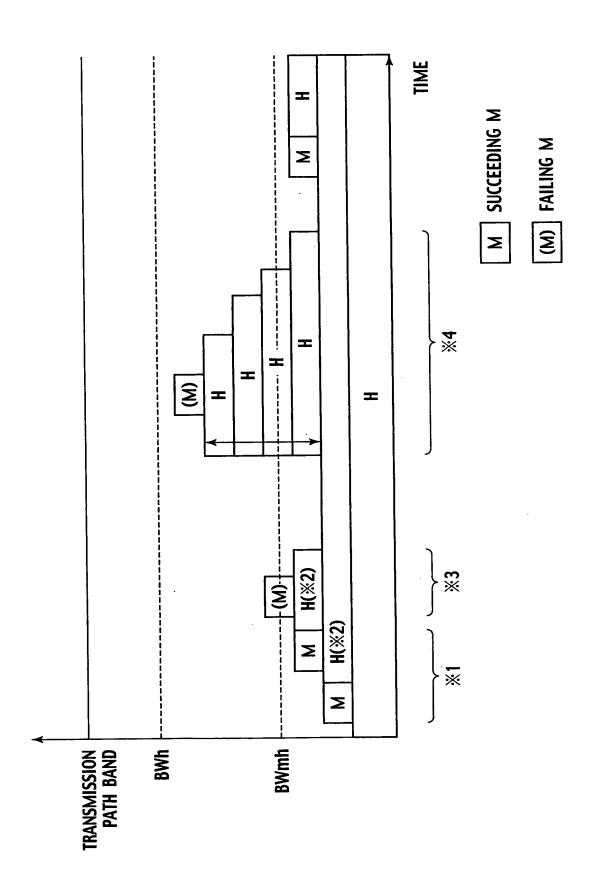
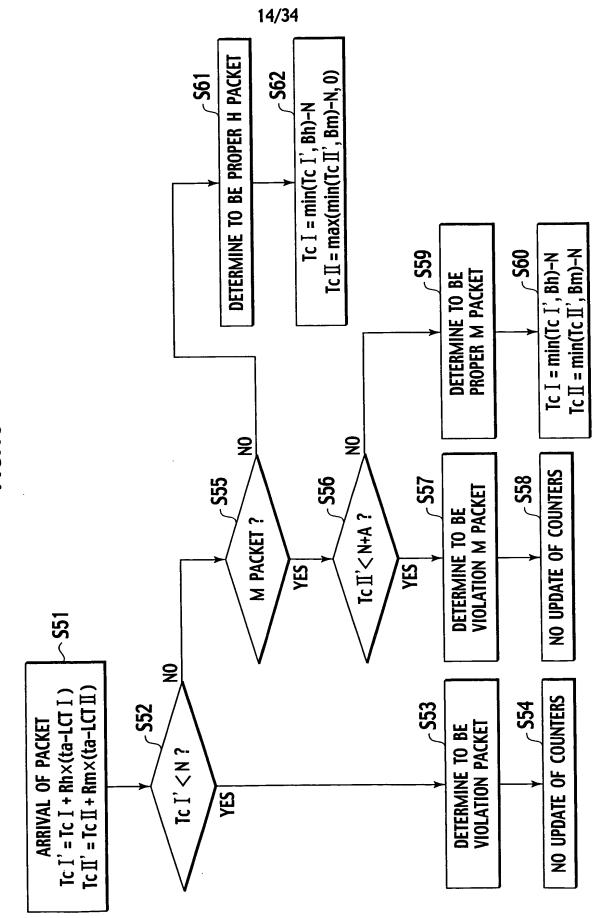


FIG.14B FIG.14A INFLOW OF H INFLOW OF M FLOW RATE: bwHin ~ **S45** FLOW RATE: bwMin ∕~ S41 DSCP: H DSCP: M **S46 S42** BWh≥ BWmh≥ N<sub>0</sub> NO bwHin+bwm bwMin+bwm +bwh? +bwh? YES YES **S47 S48 S43 S44 DISCARD M-CLASS** DISCARD H-CLASS TRANSFER **TRANSFER** 

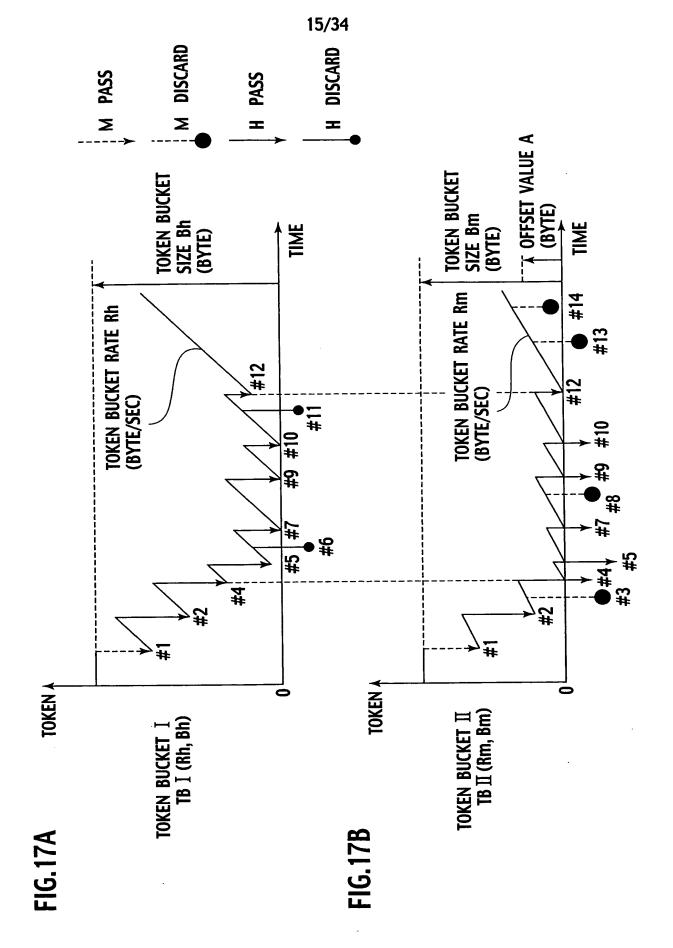
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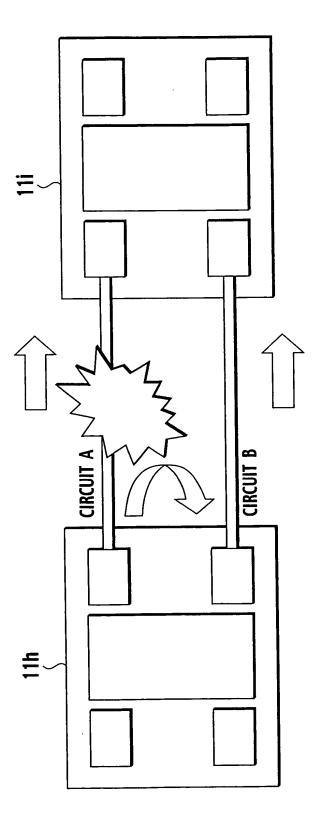
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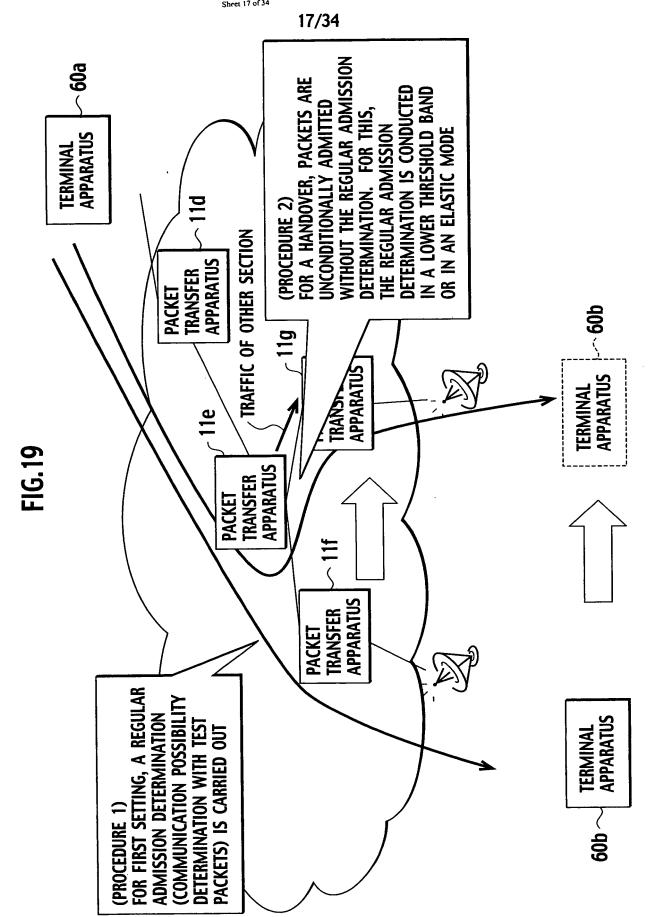
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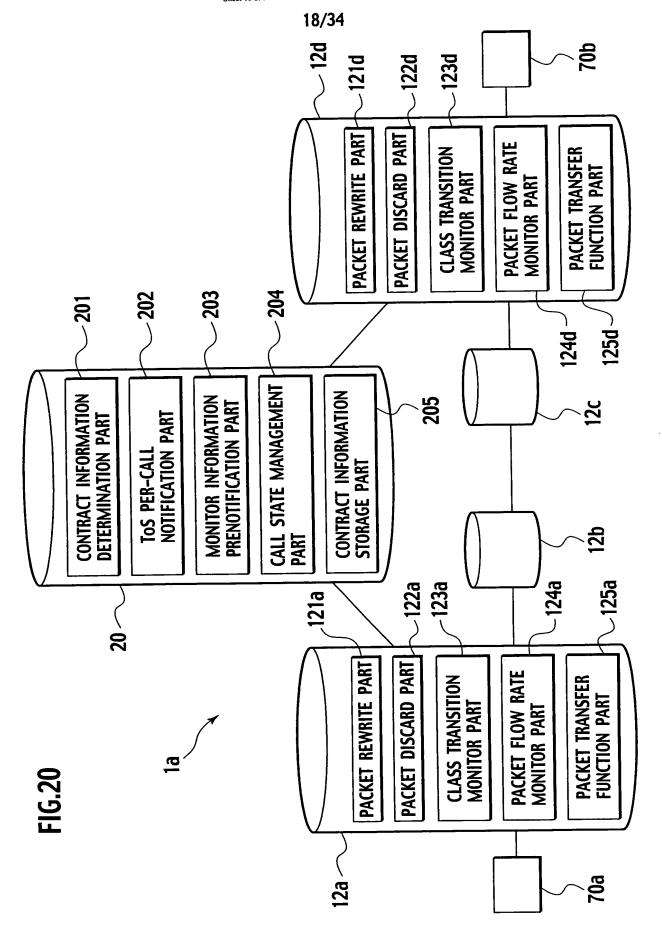
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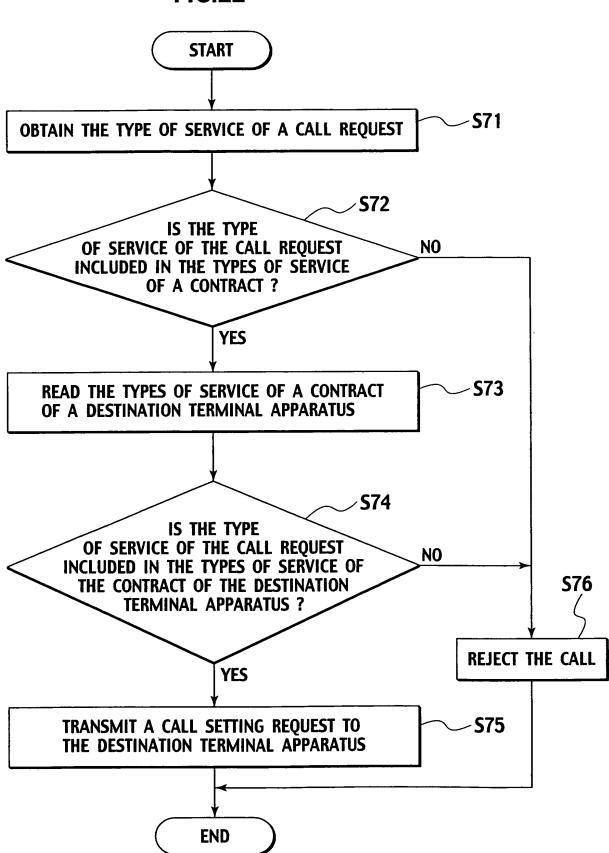
19/34

TYPE OF SERVICE (ToS)	PRIORITY (LEVEL)
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001	-
010	М
011	-
100	Н
101	-
110	_
111	_

10/523348

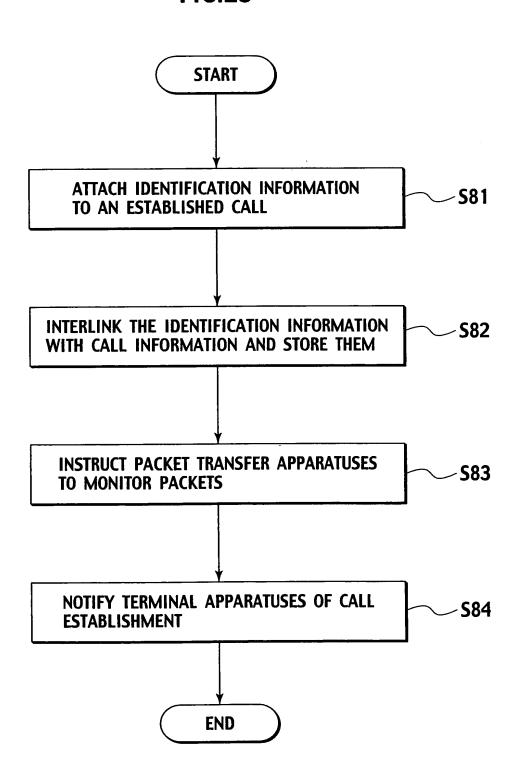
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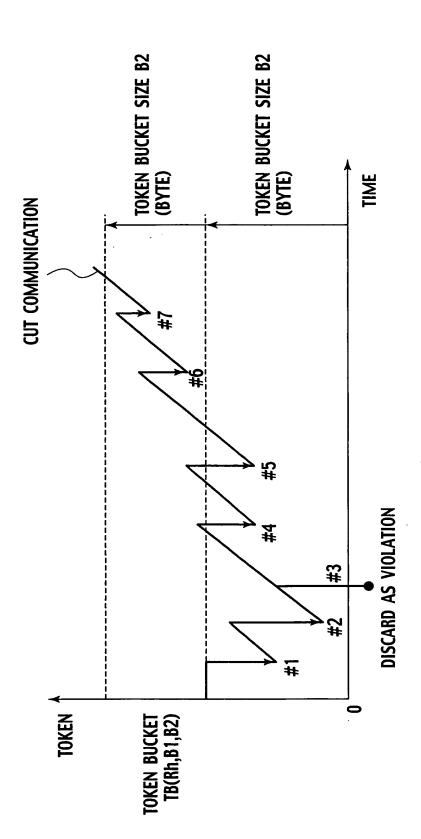
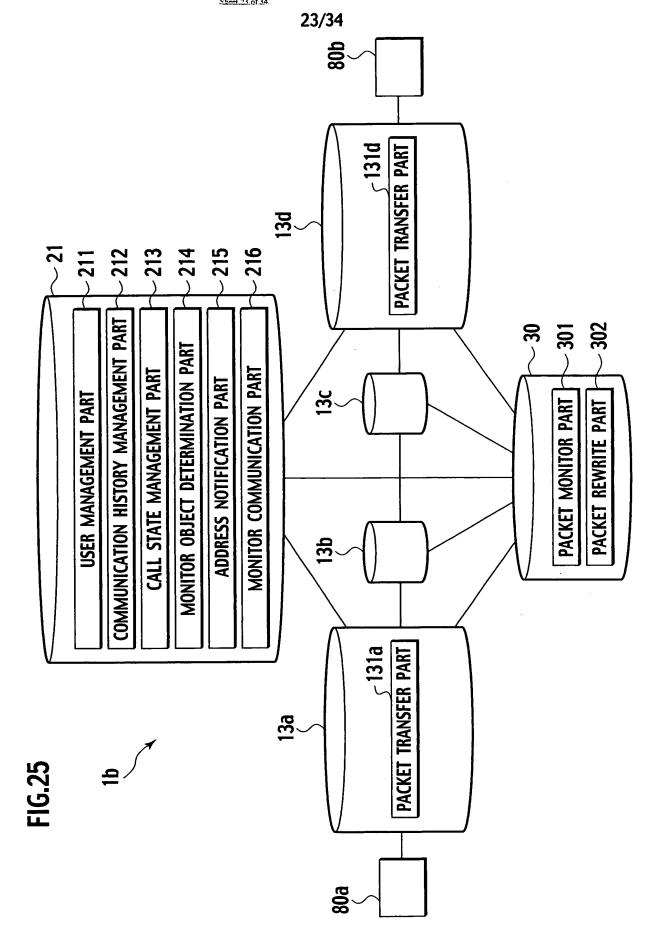


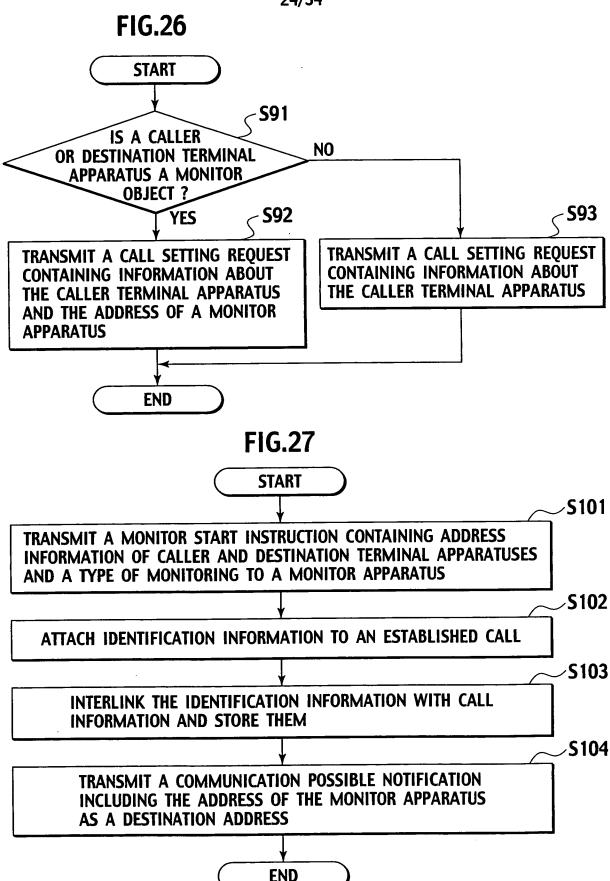
FIG.24

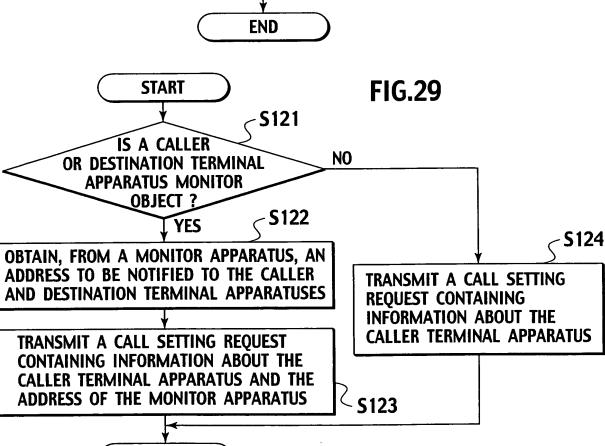
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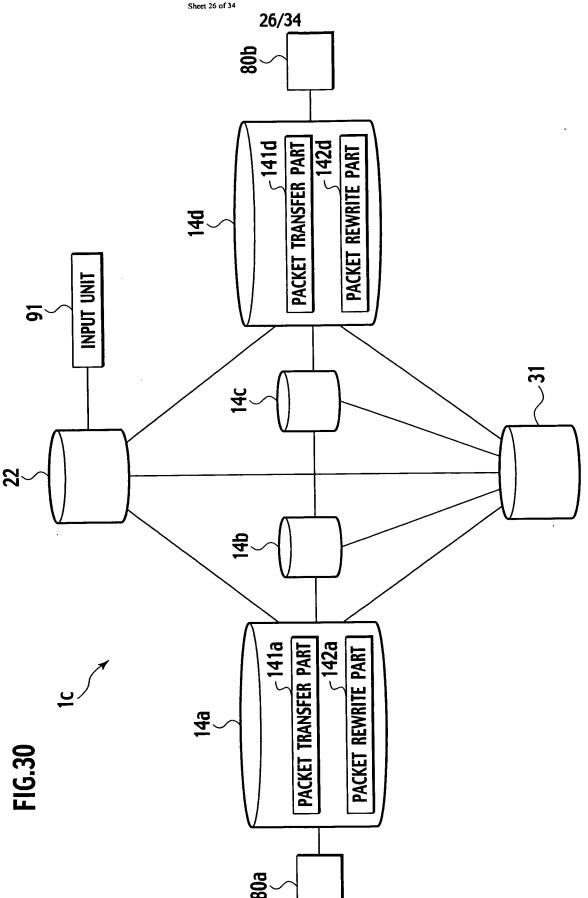
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**END** 

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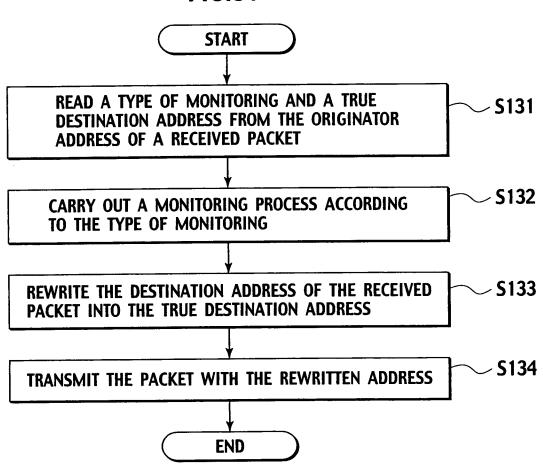


FIG.32

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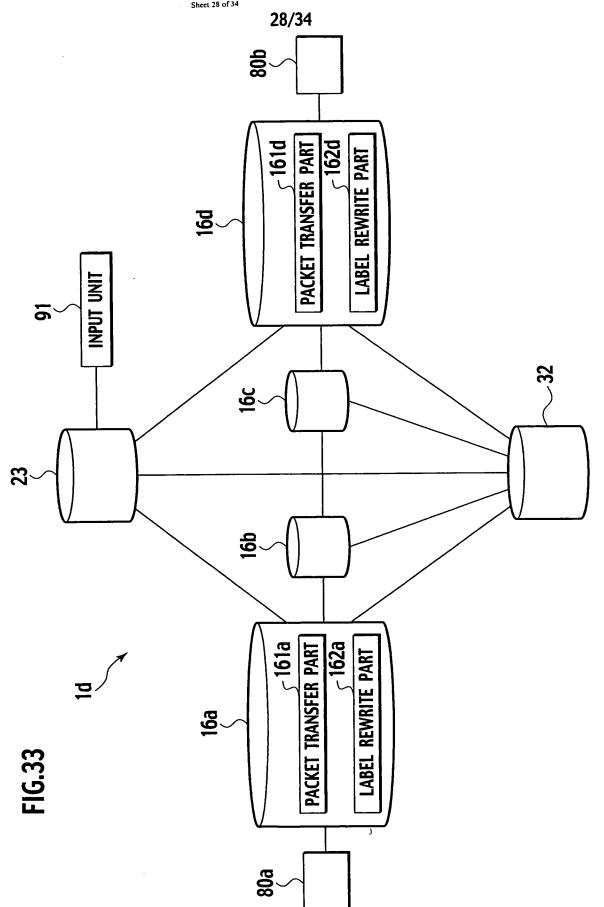
151a

PACKET TRANSFER PART

152a

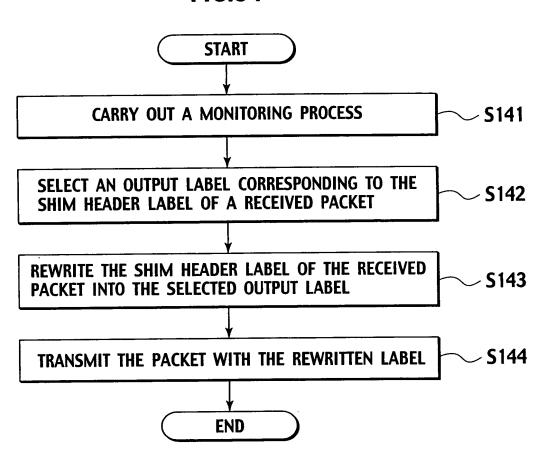
PACKET COPY PART

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Inventors. Etsuke KOVANAGI et al. et al. Inventoris. Etsuke KOYANIAOI et al. et al. Fried: January 28, 2005
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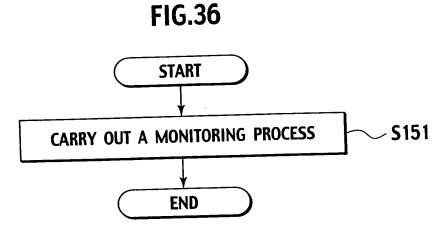


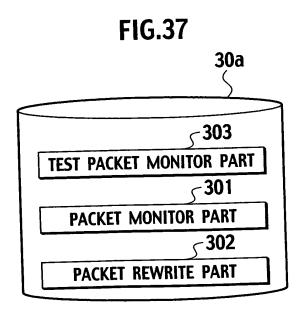


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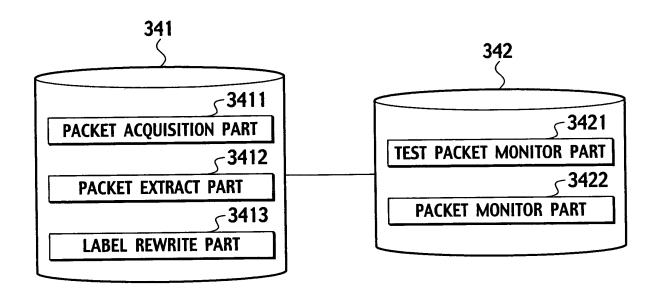
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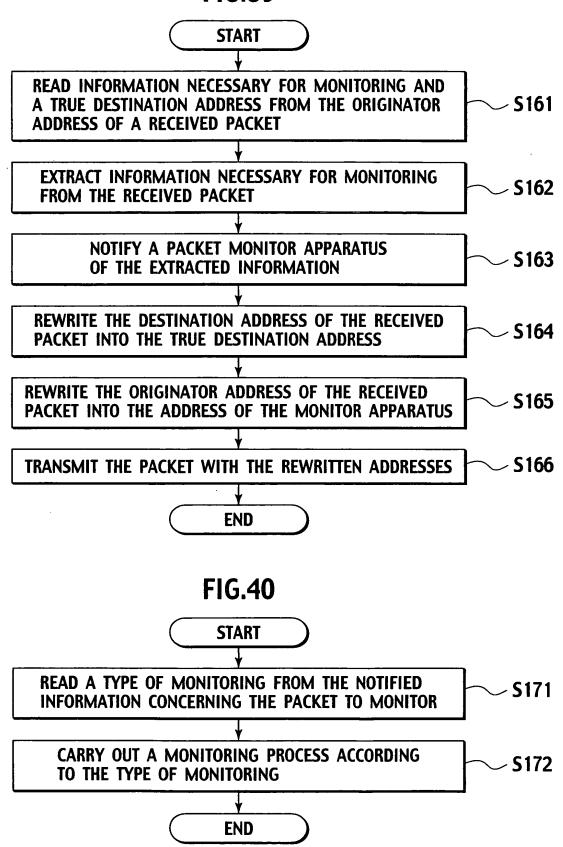
**FIG.38** 



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Attorney Of Record. Packet. Attorney of Record: Brenda O. Holme Phone: 404.815.6500 34/34 (REPORTING CORRECT RECEPTION OF M#7 AND M#9) RTCP#2 RTCP#3 RTCP#1 DISCARD **PACKET** 

DISCARDS A PACKET TO DETECT THE FALSENESS OF A REPORT FROM THE RECEPTION TERMINAL THE MONITOR APPARATUS INTENTIONALLY EVEN IF THE RECEIVER TERMINAL FALSELY REPORTS THAT M#8 HAS TO DETECT THE FALSENESS OF THE REPORT BECAUSE IT IS UNABLE CORRECTLY BEEN RECEIVED, THE MONITOR APPARATUS IS UNABLE **TO DETECT ANY PACKET LOSS UP TO THE RECEIVER TERMINAL** AND M#9)

**FIG.41B** 

**APPARATUS** MONITOR RANSMITTER

RECEIVER TERMINAL

**TERMINAL** 

RECEIVER TERMINAL

**APPARATUS** MONITOR

**IRANSMITTER IERMINAL** 

**M#2** 

**₩** 

**M#3** 

FIG.41A

**™ Z#1** 

**₩3** 

(REPORTING CORRECT RECEPTION OF M#1

RTCP#1

**™** 

**₩** 

9#₩

T0 M#3)

PACKET LOSS

9#₩

M#5

**∑#4** 

(REPORTING CORRECT RTCP#2

**∠#**₩

RECEPTION OF M#4 AND M#6)

8#⊻

₩ ₩

8#W

RTCP#3

(REPORTING CORRECT M#10

£ ₩

PACKET LOSS

RECEPTION OF M#7

M#10

**∠#**¥